

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

03/26/2011

Kevin Powers
Assistant District Attorney, Norfolk County

Dear ADA Powers,

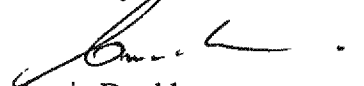
Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan and Lisa Glazer.
3. Control Cards with analytical results for sample # [REDACTED]
4. Analysis sheets with the chemist's hand notations and test results.
5. GC/MS Spectral analytical data for sample # [REDACTED]

Lisa Glazer was the custodial chemists and performed the testing and net weight for this sample.
Annie Dookhan was the confirmatory chemist and analyzed the GC/MS data.

If you have any questions about these materials, please call me at the number below.

Sincerely,


Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

City or Department: Quincy

Police Reference No.: 

Name and Rank of Submitting Officer: Det. ~~W. WARD~~ COON

Defendant(s) Name (last, first, initial):



To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

One Paper fold of white Powder

2.18 gm



Received by: 

Date: 7.15.10

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

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Department of Public Health

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Tel (617) 983-6622

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Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

City or Department:

Quincy

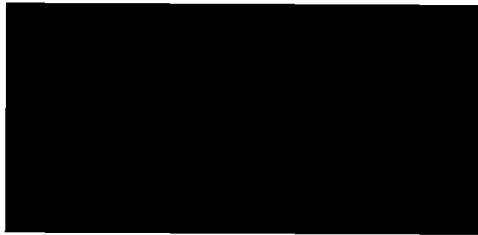
Police Reference No.



Name and Rank of Submitting Officer:

Det. ~~W. WARD~~ COEN

Defendant(s) Name (last, first, initial):



To be completed by Submitter

Description of Items Submitted

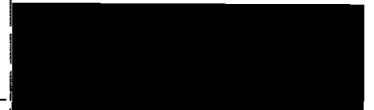
To be completed by Lab Personnel

Gross Weight

Lab Number

One p/B of white Powder

2.05 gm



Received by:

[Signature]

Date:

7.15.10

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Lisa A. Glazer

Education

Bachelor of Science Degree, CHEMISTRY January 2006

UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Bachelor of Science Degree, FORENSIC SCIENCE January 2006

UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus, Biology, Criminal Justice and Forensic Science courses

Employment

Chemist I, II State Laboratory Institute (May 2007-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2007.

Laboratory Technician I (August 2006 – May 2007)

University of Connecticut Chemistry Department - Storrs, CT

- Prepared unknowns, chemical reagents and supplies for undergraduate chemistry courses
- Set-up experiment demonstrations
- Properly disposed of hazardous waste from the experiments
- Made sure labs were being conducted safely
- Kept track of student laboratory paperwork, inventoried glassware and chemicals and helped clean glassware

Intern (September 2005 – November 2005)

CONNECTICUT STATE POLICE FORENSIC LABORATORY - Meriden, CT

- Worked on a Pyrolysis Gas Chromatography project
- Observed in the GSR testing, Forensic Biology, DNA, Questioned Documents, Black and White Photo, Latent Prints, Firearms, Trace Evidence and Color Photo Units

Trainings

Multijurisdictional Counterdrug Task Force Training (May 20, 2008)

Current Drug Trends – Methuen, MA

Multijurisdictional Counterdrug Task Force Training (May 6, 2009 - May 7, 2009)

Courtroom Testimony – Methuen, MA

DEA Forensic Chemist Seminar (June 21, 2010 - June 25, 2010)

Sterling, VA

No. [REDACTED] Date Analyzed: 10-07-10
City: Quincy Police Dept.
Officer: Detective BRIAN COEN
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: paper fold
Date Rec'd: 07/14/2010
Gross Wt.: 2.18
No. Analyzed:
Net Weight: 0.10g
Tests: 2 ASD
Prelim: Cocaine Findings: cocaine

No. [REDACTED] Date Analyzed: 10-07-10
City: Quincy Police Dept.
Officer: Detective BRIAN COEN
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 07/14/2010
Gross Wt.: 2.05
No. Analyzed:
Net Weight: 0.46g
Tests: 2 ASD
Prelim: Cocaine Findings: cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Quincy

ANALYST

AKG

No. of samples tested: _____

Evidence Wt.

✓

PHYSICAL DESCRIPTION:

signed & sealed

- 1 paper fold w/
white substance

Gross Wt (): _____

Gross Wt (): 0.8140g

Pkg. Wt: 0.7065g

Net Wt: 0.1075g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate () ⊕
Marquis ⊕
Froehde's ⊕
Mecke's ⊕

Microcrystalline Tests

Gold Chloride ⊕
TLTA () ⊕

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS

cocaine

DATE

10/4/10

GC/MS CONFIRMATORY TEST

RESULTS

cocaine

MS OPERATOR

ASP

DATE

10/7/10

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Quincy

ANALYST

AKG

No. of samples tested: _____

Evidence Wt. _____

✓

PHYSICAL DESCRIPTION:

signed & sealed

- 1 pb w/ off white substance

Gross Wt (): _____

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: _____

0.5657g
0.0962g
0.4695g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate () ⊕
Marquis ⊖
Froehde's ⊖
Mecke's ⊖

Microcrystalline Tests

Gold Chloride ⊕
TLTA () ⊕

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS

cocaine

DATE

10/5/10

GC/MS CONFIRMATORY TEST

RESULTS

cocaine

MS OPERATOR

ASD

DATE

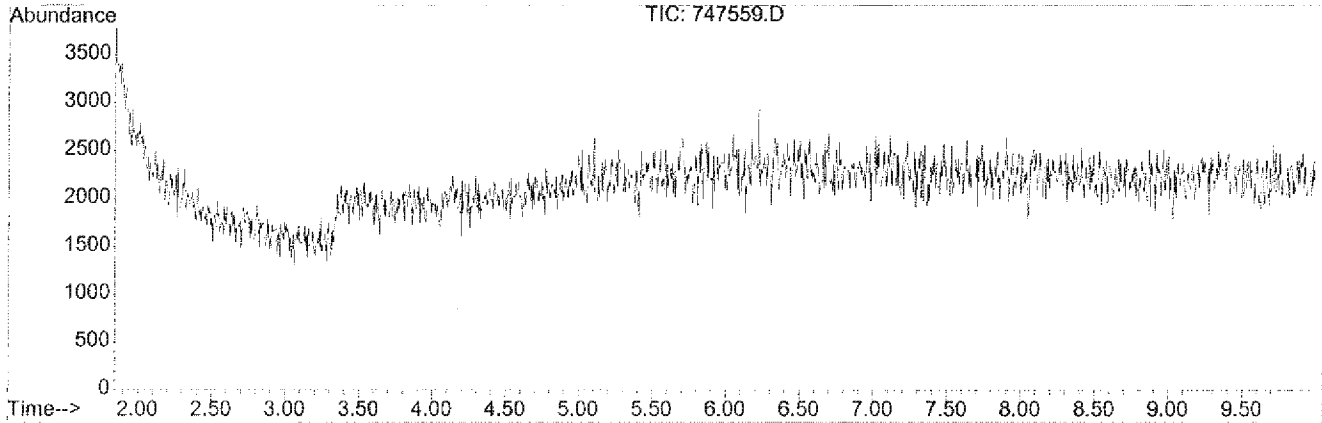
10/7/10

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747559.D
Operator : ASD
Date Acquired : 6 Oct 2010 20:54
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE

✓ ASD
3-28-11



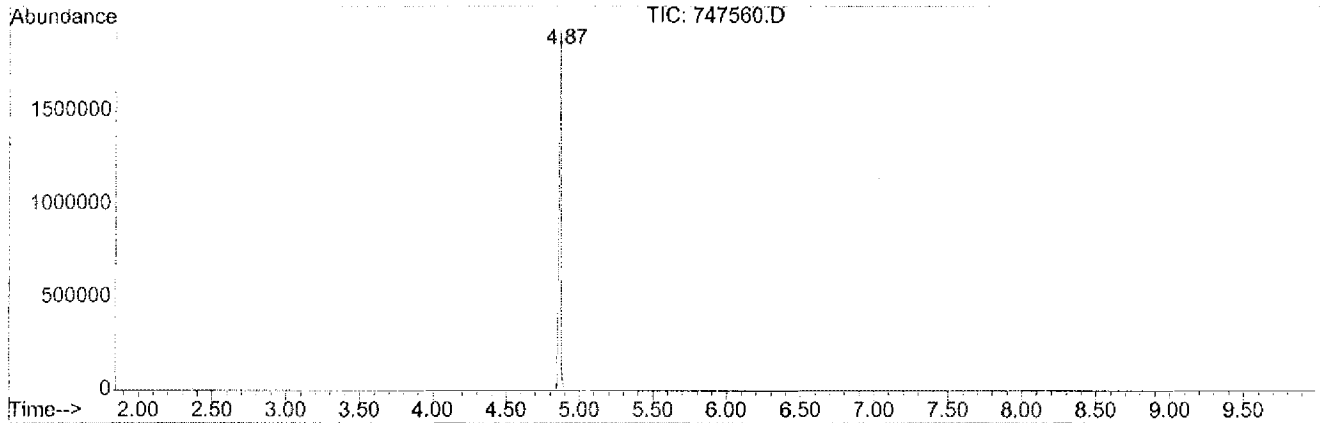
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747560.D
 Operator : ASD
 Date Acquired : 6 Oct 2010 21:07
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 60
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.867	1938810	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

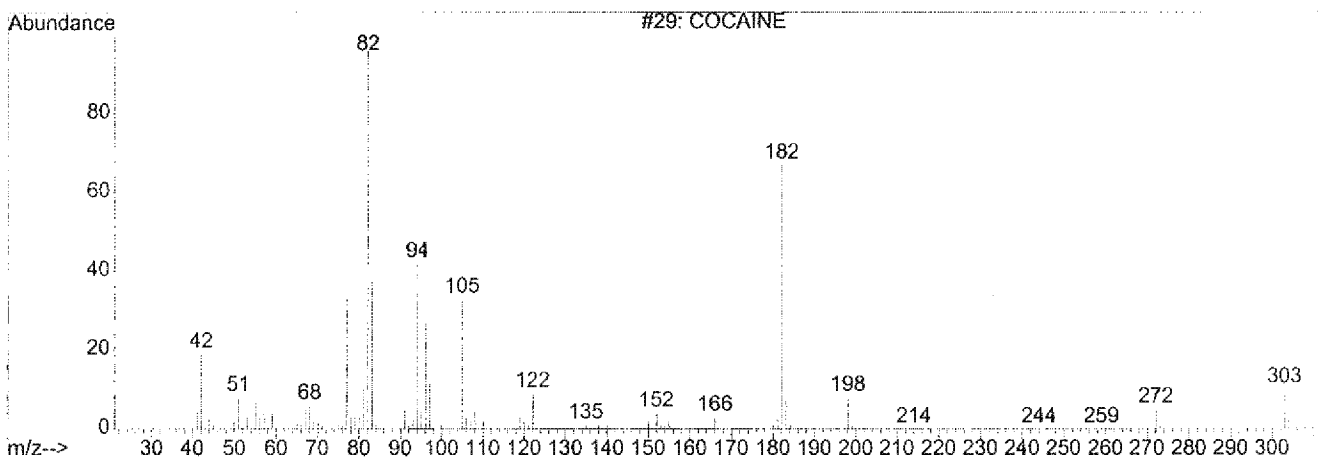
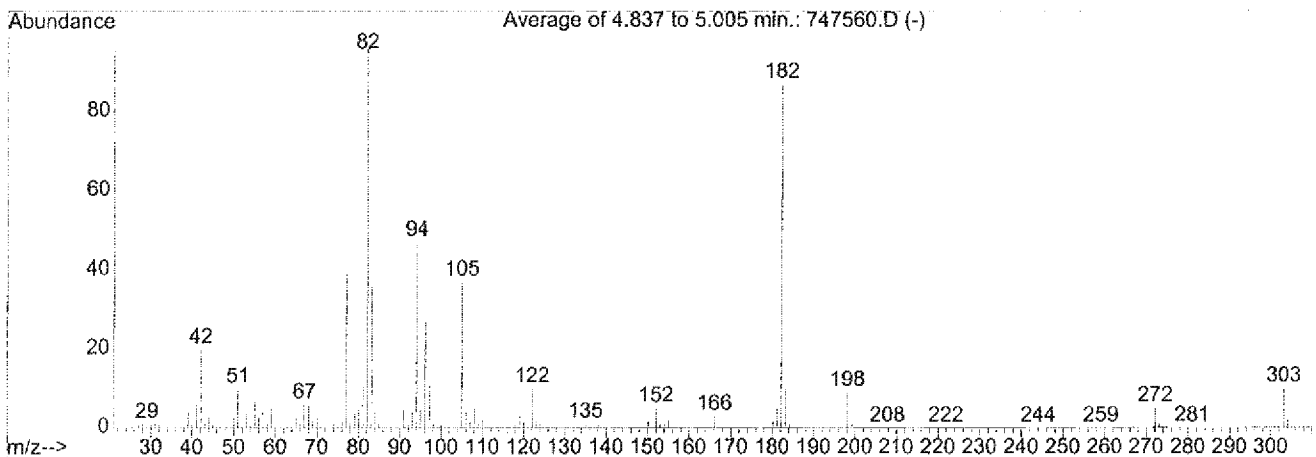
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File Name       : F:\Q4-2010\SYSTEM8\10_06_10\747560.D
Operator        : ASD
Date Acquired   : 6 Oct 2010 21:07
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 60
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

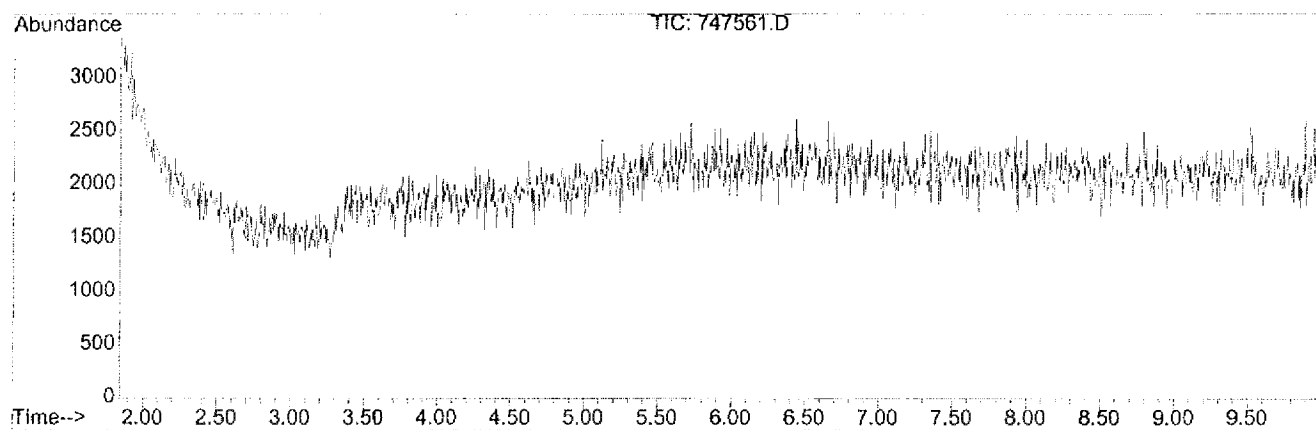
PK#	RT	Library/ID	CAS#	Qual
1	4.87	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747561.D
Operator : ASD
Date Acquired : 6 Oct 2010 21:19
Sample Name : BLANK
Submitted by : LAG
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



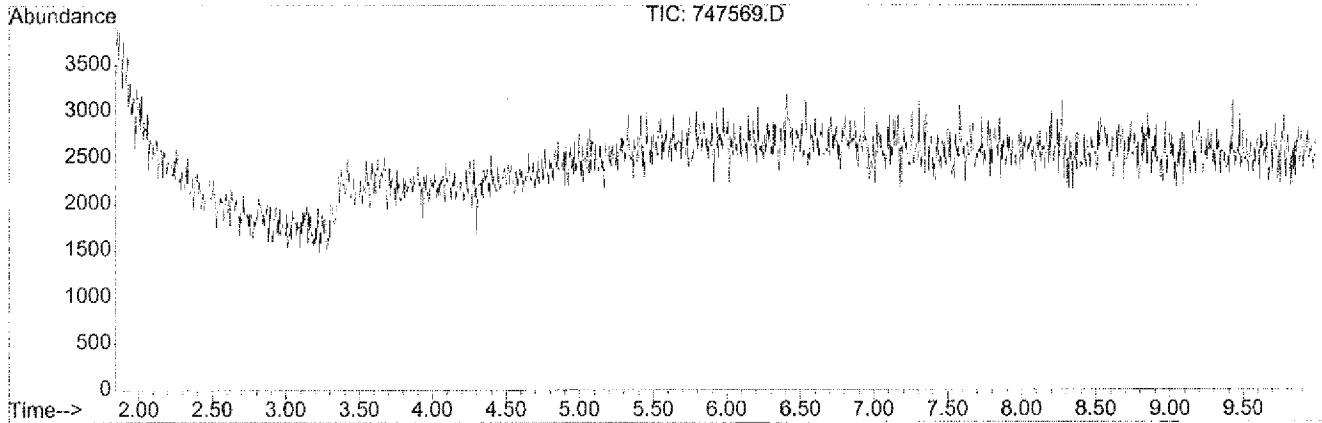
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747569.D
Operator : ASD
Date Acquired : 6 Oct 2010 22:58
Sample Name : BLANK
Submitted by : LAG
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



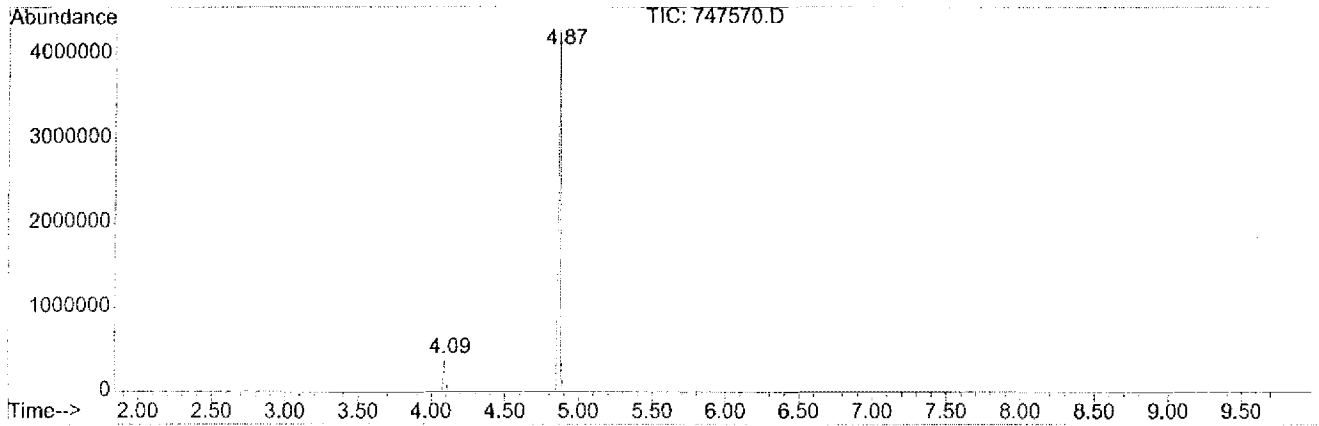
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747570.D
 Operator : ASD
 Date Acquired : 6 Oct 2010 23:11
 Sample Name : XXXXXXXXXX
 Submitted by : LAG
 Vial Number : 70
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.088	426431	8.71	9.54
4.867	4469539	91.29	100.00

Area Percent / Library Search Report

Information from Data File:

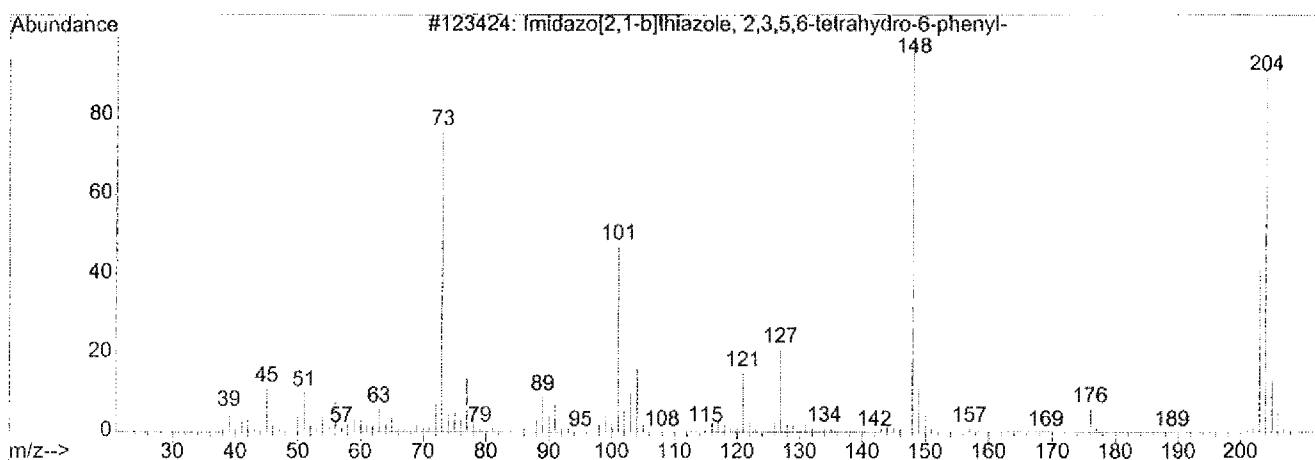
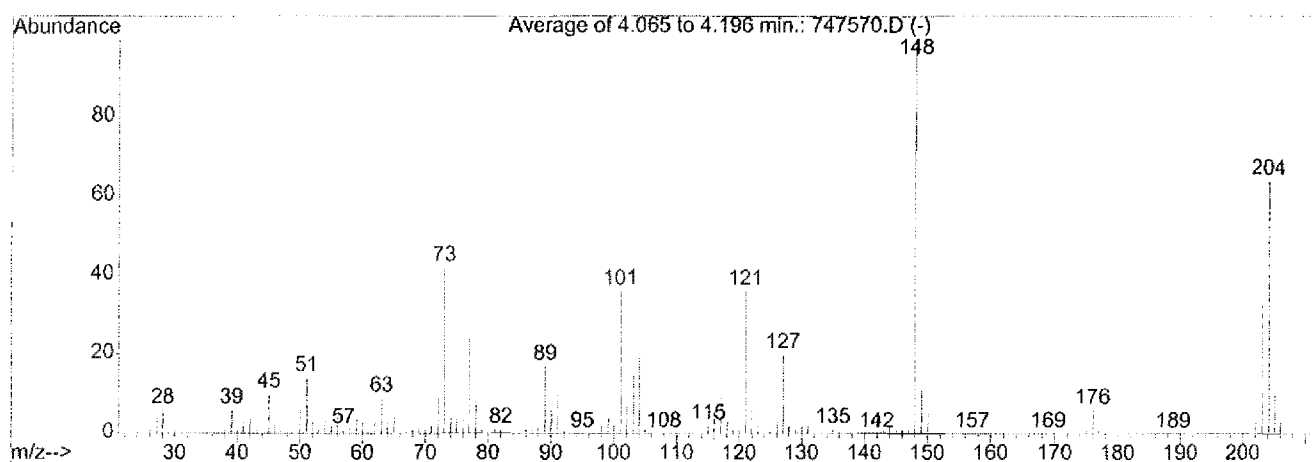
```

File Name       : F:\Q4-2010\SYSTEM8\10_06_10\747570.D
Operator        : ASD
Date Acquired   : 6 Oct 2010 23:11
Sample Name     : ██████████
Submitted by    : LAG
Vial Number     : 70
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	4.09	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	96



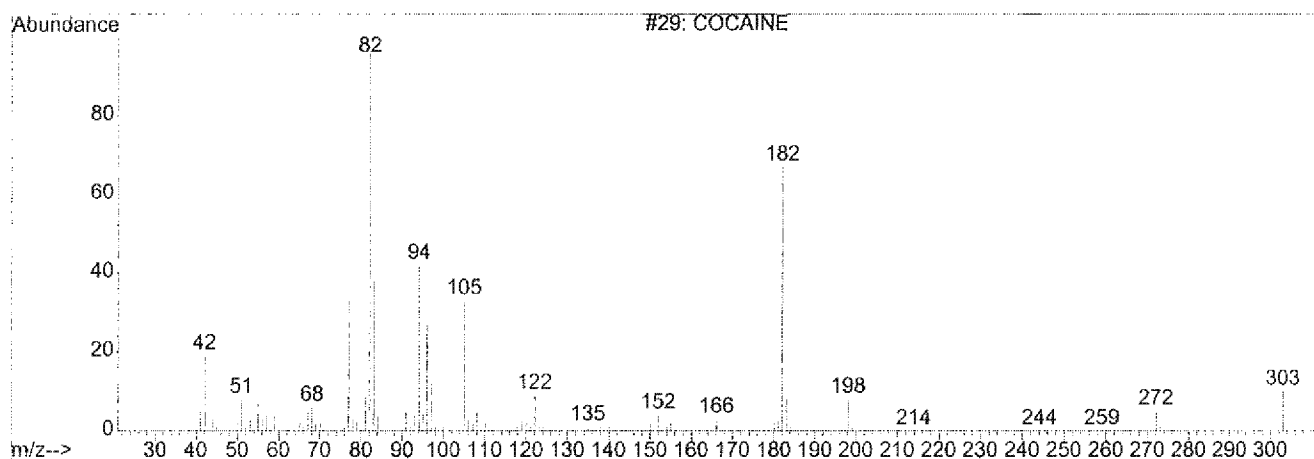
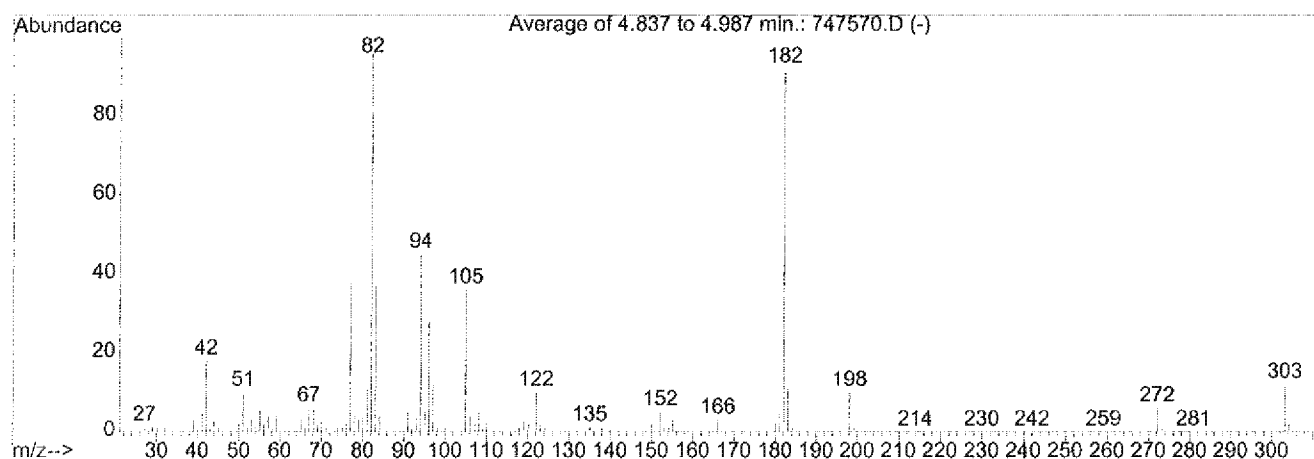
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747570.D
 Operator : ASD
 Date Acquired : 6 Oct 2010 23:11
 Sample Name : XXXXXXXXXX
 Submitted by : LAG
 Vial Number : 70
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

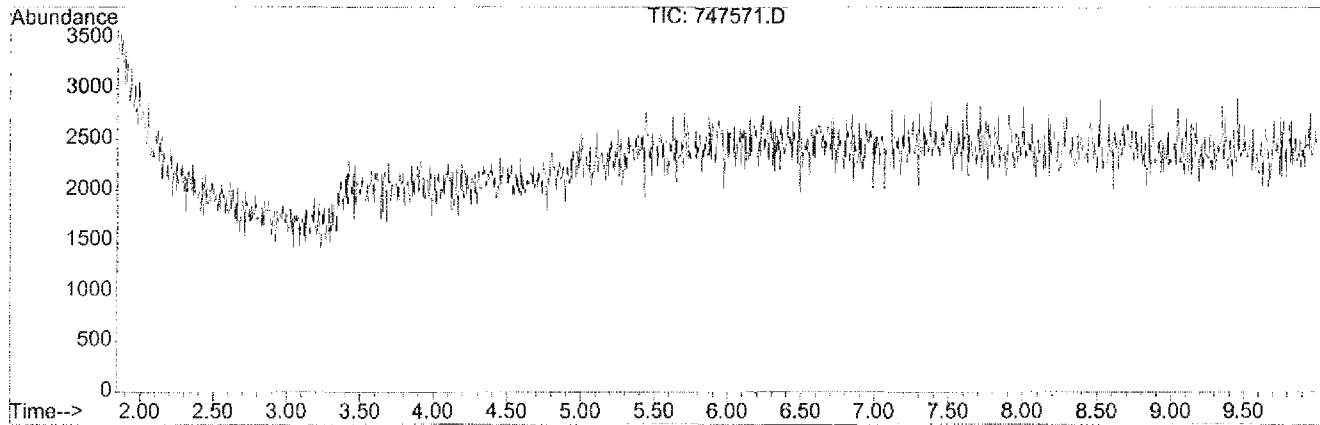
PK#	RT	Library/ID	CAS#	Qual
2	4.87	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747571.D
Operator : ASD
Date Acquired : 6 Oct 2010 23:23
Sample Name : BLANK
Submitted by : LAG
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



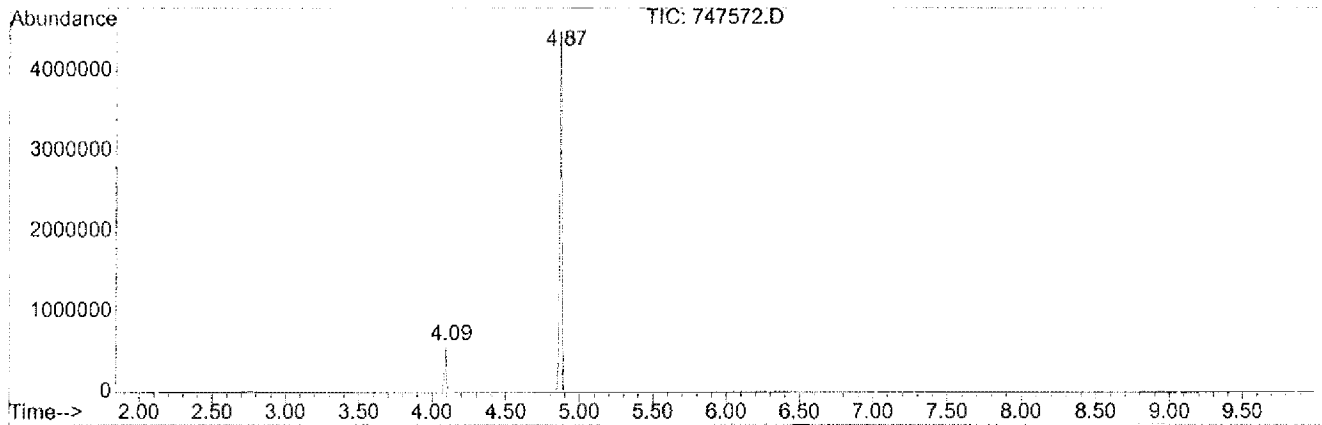
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747572.D
Operator : ASD
Date Acquired : 6 Oct 2010 23:35
Sample Name : XXXXXXXXXX
Submitted by : LAG
Vial Number : 72
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.089	621243	11.16	12.57
4.867	4943083	88.84	100.00

Area Percent / Library Search Report

Information from Data File:

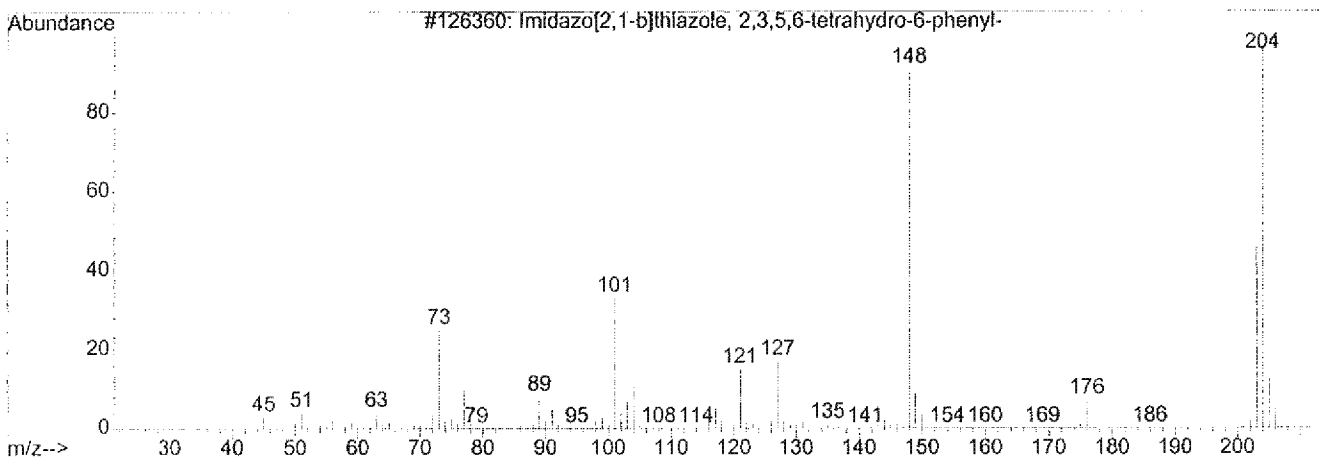
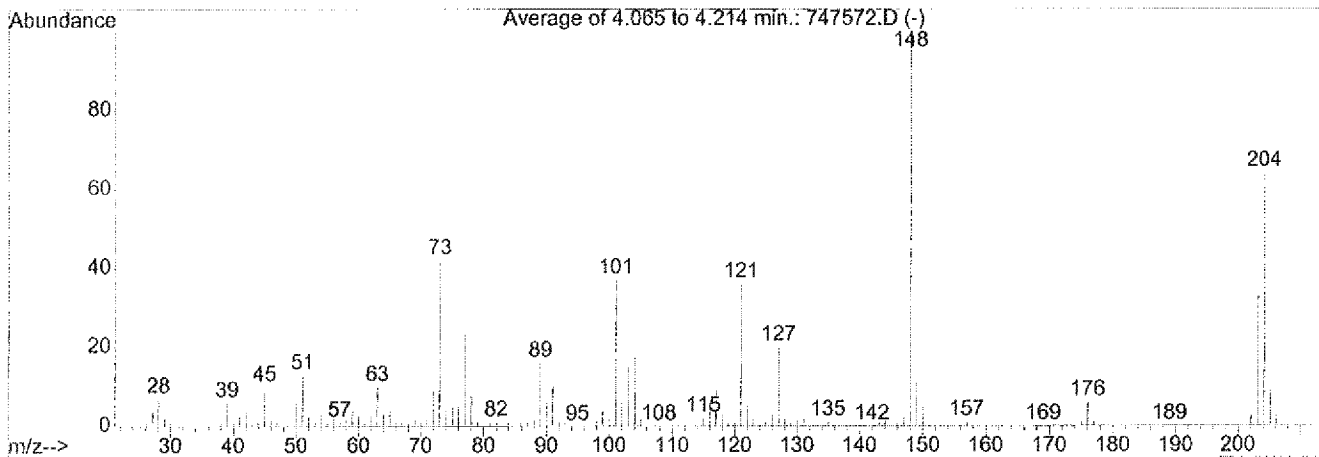
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File Name       : F:\Q4-2010\SYSTEM8\10_06_10\747572.D
Operator        : ASD
Date Acquired   : 6 Oct 2010 23:35
Sample Name     : 
Submitted by    : LAG
Vial Number     : 72
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	4.09	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Levamisole Hydrochloride	016595-80-5	96



Area Percent / Library Search Report

Information from Data File:

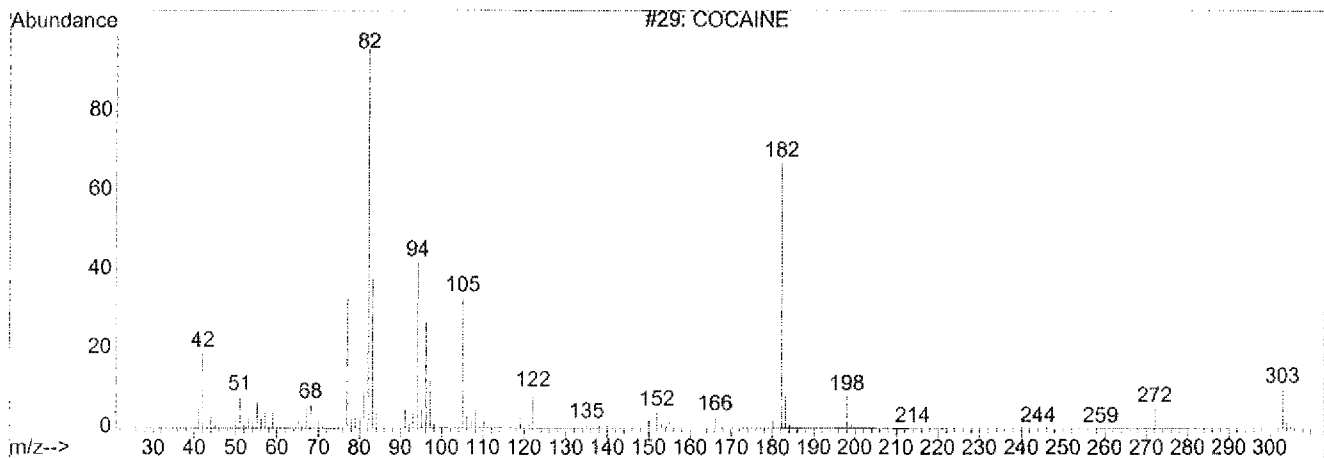
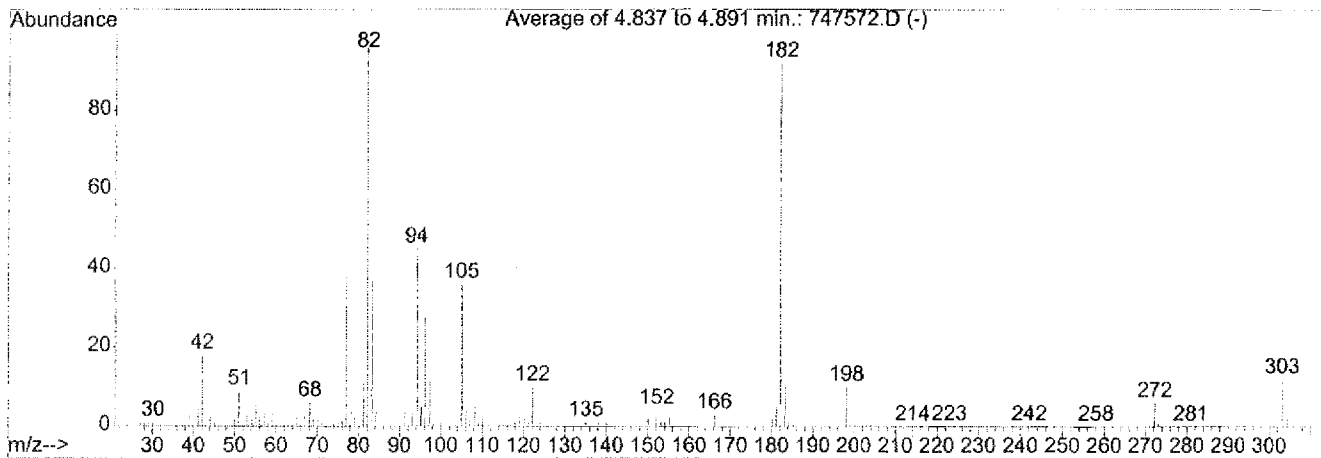
```

File Name       : F:\Q4-2010\SYSTEM8\10_06_10\747572.D
Operator        : ASD
Date Acquired   : 6 Oct 2010 23:35
Sample Name     : ██████████
Submitted by    : LAG
Vial Number     : 72
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

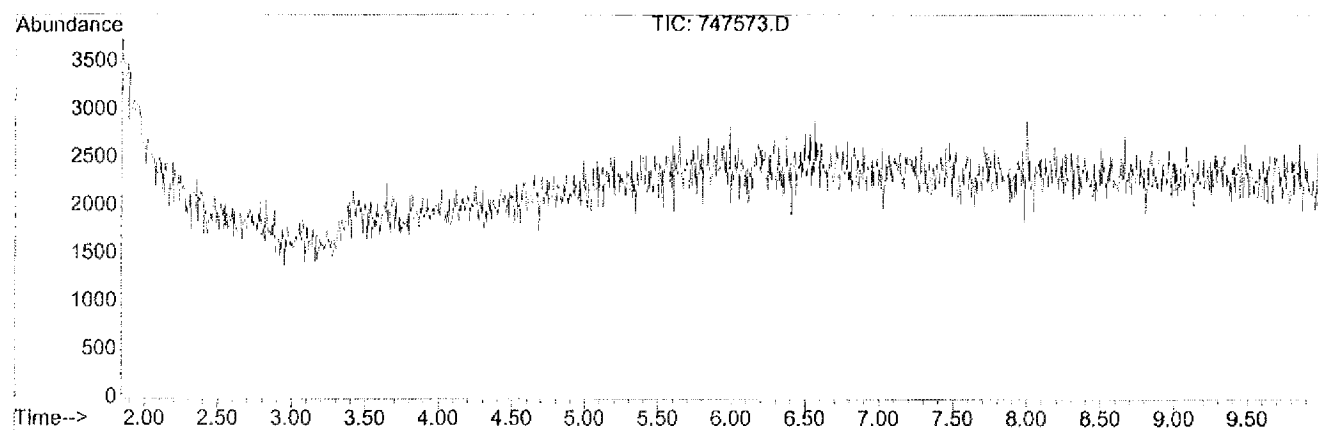
PK#	RT	Library/ID	CAS#	Qual
2	4.87	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747573.D
Operator : ASD
Date Acquired : 6 Oct 2010 23:48
Sample Name : BLANK
Submitted by : LAG
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



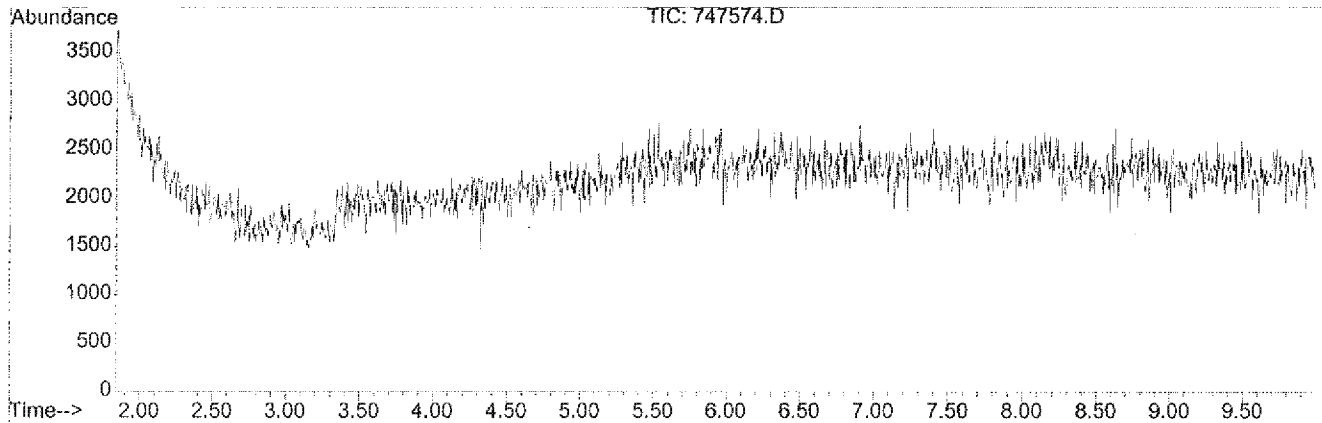
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747574.D
Operator : ASD
Date Acquired : 7 Oct 2010 00:00
Sample Name : BLANK
Submitted by : LAG
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



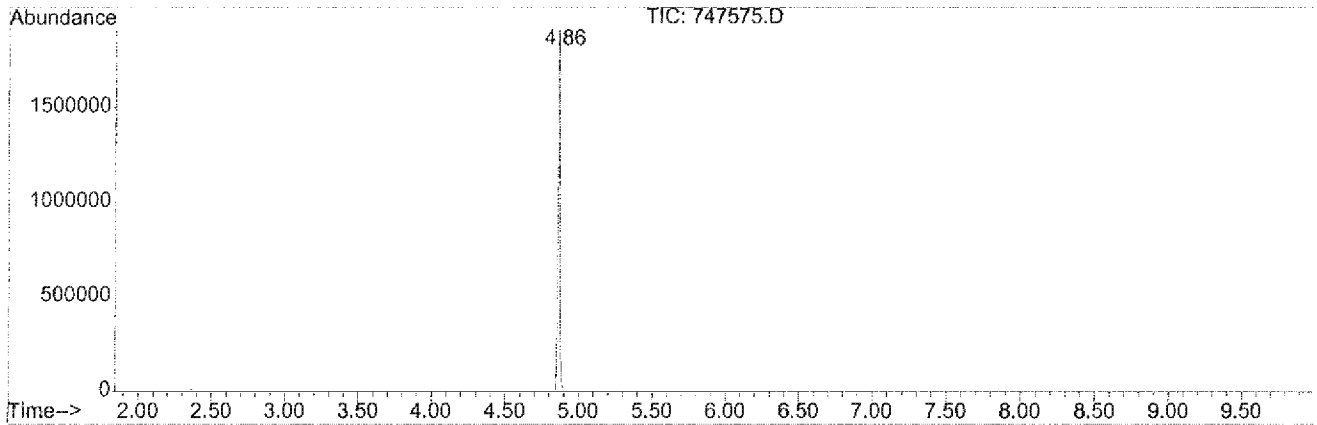
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\10_06_10\747575.D
 Operator : ASD
 Date Acquired : 7 Oct 2010 00:13
 Sample Name : COCAINE STD
 Submitted by : LAG
 Vial Number : 60
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.861	1987392	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

```

File Name       : F:\Q4-2010\SYSTEM8\10_06_10\747575.D
Operator        : ASD
Date Acquired   : 7 Oct 2010  00:13
Sample Name     : COCAINE STD
Submitted by    : LAG
Vial Number     : 60
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	4.86	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

